

INTERNATIONAL SEARCH REPORT

International Application No
PCT/FR2004/002855

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A47J27/04 F22B1/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A47J F22B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 196 02 424 A (STEGER HANS JUERGEN DR ING) 31 July 1997 (1997-07-31) column 3, line 16 - column 4, line 11; figures 1-3	1,4,6,7, 11,12, 17,18
A	US 2003/178411 A1 (CASTRICHINI PETER ET AL) 25 September 2003 (2003-09-25) page 3, paragraph 33 page 5, paragraph 55 page 4, paragraph 44 - page 7, paragraph 71; figures ----- -/--	1,2,5,6, 11-14, 17,18

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

16 March 2005

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05/04/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 673 615 A (EUROP EQUIP MENAGER) 27 September 1995 (1995-09-27) cited in the application column 2, line 42 - column 4, line 26; figure -----	1,2,11, 12,17-19
A	FR 2 583 141 A (VIVALP) 12 December 1986 (1986-12-12) page 3, line 27 - page 6, line 6 page 5, lines 11-25 -----	1,2,11, 12,17,18

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/FR2004/002855

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 19602424	A	31-07-1997	DE 19602424 A1	31-07-1997
US 2003178411	A1	25-09-2003	US 2002139253 A1	03-10-2002
			CA 2442398 A1	24-03-2004
EP 0673615	A	27-09-1995	FR 2717061 A1	15-09-1995
			DE 69500267 D1	05-06-1997
			DE 69500267 T2	14-08-1997
			EP 0673615 A1	27-09-1995
FR 2583141	A	12-12-1986	FR 2583141 A1	12-12-1986